

## ABSTRACT OF DISCLOSURE

A combination hood and microwave oven, in which the construction of a drive circuit relating to an exhaust device is simplified, reducing its manufacturing cost, and in which the number of user's manipulations required to operate the exhaust device is reduced, providing convenience of use to the user. The combination hood and microwave oven includes a variable suction hole whose suction area is variable, a variable suction hole motor allowing a suction area of the variable suction hole to vary, an exhaust motor allowing air sucked through the variable suction hole to be discharged outside the combination hood and microwave oven, an exhaust motor drive unit controlling a rotational speed of the exhaust motor, and a variable suction hole adjusting unit that controls the variable suction hole motor to allow a suction area of the variable suction hole to vary according to the rotational speed of the exhaust motor.